

Maryland Historical Trust

Maryland Inventory of Historic Properties number: 0N-370

Name: MD 285 OVER ECKIN SINK

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended <u>X</u>	Eligibility Not Recommended _____
Criteria: <u> </u> A <u> </u> B <u> </u> C <u> </u> D Considerations: <u> </u> A <u> </u> B <u> </u> C <u> </u> D <u> </u> E <u> </u> F <u> </u> G <u> </u> None	
Comments: _____	
Reviewer, OPS: <u>Anne E. Bruder</u>	Date: <u>3 April 2001</u>
Reviewer, NR Program: <u>Peter E. Kurtze</u>	Date: <u>3 April 2001</u>

Maryland Inventory of Historic Properties
Historic Bridge Inventory
Maryland State Highway Administration
Maryland Historical Trust

MHT Number CH-390

Name and SHA No. 8037 over Zekiah Swamp

Location:

Street/Road Name and Number: MD 235 over Zekiah Swamp

City/Town: Allens Fresh Vicinity X

County: Charles

Ownership: X State ___ County ___ Municipal ___ Other

This bridge projects over: ___ Road ___ Railway X Water ___ Land

Is the bridge located within a designated district: ___ yes X no

___ NR listed district ___ NR determined eligible district

___ locally designated ___ other

Name of District _____

Bridge Type:

___ Timber Bridge

___ Beam Bridge ___ Truss-Covered ___ Trestle

___ Timber-and-Concrete

___ Stone Arch

___ Metal Truss

___ Movable Bridge

___ Swing ___ Bascule Single Leaf ___ Bascule Multiple Leaf

___ Vertical Lift ___ Retractable ___ Pontoon

X Metal Girder

___ Rolled Girder X Rolled Girder Concrete Encased

___ Plate Girder ___ Plate Girder Concrete Encased

___ Metal Suspension

___ Metal Arch

☐ Metal Cantilever

☐ Concrete

☐ Concrete Arch ☐ Concrete Slab ☐ Concrete Beam

☐ Rigid Frame

☐ Other Type Name _____

Description:

Describe Setting:

Bridge No. 8037 carries Maryland Route 235 east-west over Zekiah Swamp Run where it meets with Allens Fresh, a tributary of the Wicomico River. The bridge carries two lanes of traffic over tidal and non-tidal waters. The bridge is located in a rural Charles County. The community of Allens Fresh is visible on the west side of the bridge, with woods to the east. Overhead power lines parallel the south side of the bridge.

Describe Superstructure and Substructure:

Bridge No. 8037 is a rolled girder bridge carrying Maryland Route 235 over Zekiah Swamp run. It is a three span bridge with two 63' spans and one 64' span. The bridge is approximately 190' long, 30' wide, with a 1.75" to 3.75" bituminous wearing surface over a 10" thick concrete deck. The abutments, piers and wing walls are all constructed of concrete. The balustrades are open, and the parapet corners appear to have been rebuilt.

Bridge deterioration includes missing balusters, heavy rust, scale, vertical, longitudinal, and map cracking to the abutments, and the concrete encasement on beam 1 has cracked and is broken off.

Discuss Major Alterations:

Previous repairs to the bridge include patching of 60% ± of the deck which is under a new bituminous concrete surface. The curbs have numerous patches and numerous portions of the bridge parapets have been repaired with PAM. The parapet corners appear to have been rebuilt.

History:

When Built: 1933 according to 1994 state bridge inventory

Why Built: Statewide road improvement program

Who Built: Standard state specification

Why Altered: Safety and structural repairs.

Was this bridge built as part of an organized bridge building campaign: Yes, this bridge was constructed as part of the state road improvement program and for local transportation needs.

Surveyor Analysis:

This bridge may have NR significance for association with:

☐ A Events ☐ Person

☒ C Engineering/Architectural

Was this bridge constructed in response to significant events in Maryland or local history:

Bridge No. 8037 is in approximately the same location as an earlier bridge. It is located near the community of Allens Fresh; the age of which is unknown. The road carried by the bridge now runs in an east-west general direction. In the early 20th century this road carried traffic in a north-south direction between Allens Fresh and Dentsville. Both the earlier and the current bridge are the only means of crossing Zekiah Swamp Run within four miles of the current bridge.

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area?

This bridge did not have a significant impact on the growth and development of area.

Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district?

This bridge is not located in an area eligible for historic designation.

Is the bridge a significant example of its type?

This bridge may be a significant example of its type. It is a long state specification metal girder bridge, and should be compared with other examples of its type.

Does the bridge retain integrity of the important elements described in the Context Addendum?

Though this bridge has undergone some modification, the integrity of the primary character defining elements as described in the Context Addendum remain essentially intact.

Should this bridge be given further study before significance analysis is made and Why?

Further study of this bridge is unnecessary. This bridge is eligible for inclusion on the National Register of Historic Places.

Bibliography:

Greiner, Inc.

1995 Maryland Inventory of Historic Bridges

Spero, P.A.C. & Company, and Louis Berger & Associates

1994 Historic Bridges in Maryland: Historic Bridge Context.

State Highway Administration
V.d. Bridge inspection files.
United States Geological Survey
1953 7.5' Popes Creek Quadrangle, photorevised 1974.
United States Geological Survey
1915 15' Wicomico Quadrangle.

Surveyor:

Name: Jason D. Moser **Date:** September 1995

Organization: State Highway Admin. **Telephone:** (410) 321-2213

Address: 2323 West Joppa Road Brooklandville, MD 21022

1953 7.5' North Beach Quadrangle, Photorevised 1979.
United States Geological Survey
1910 15' Prince Frederick Quadrangle.

Surveyor:

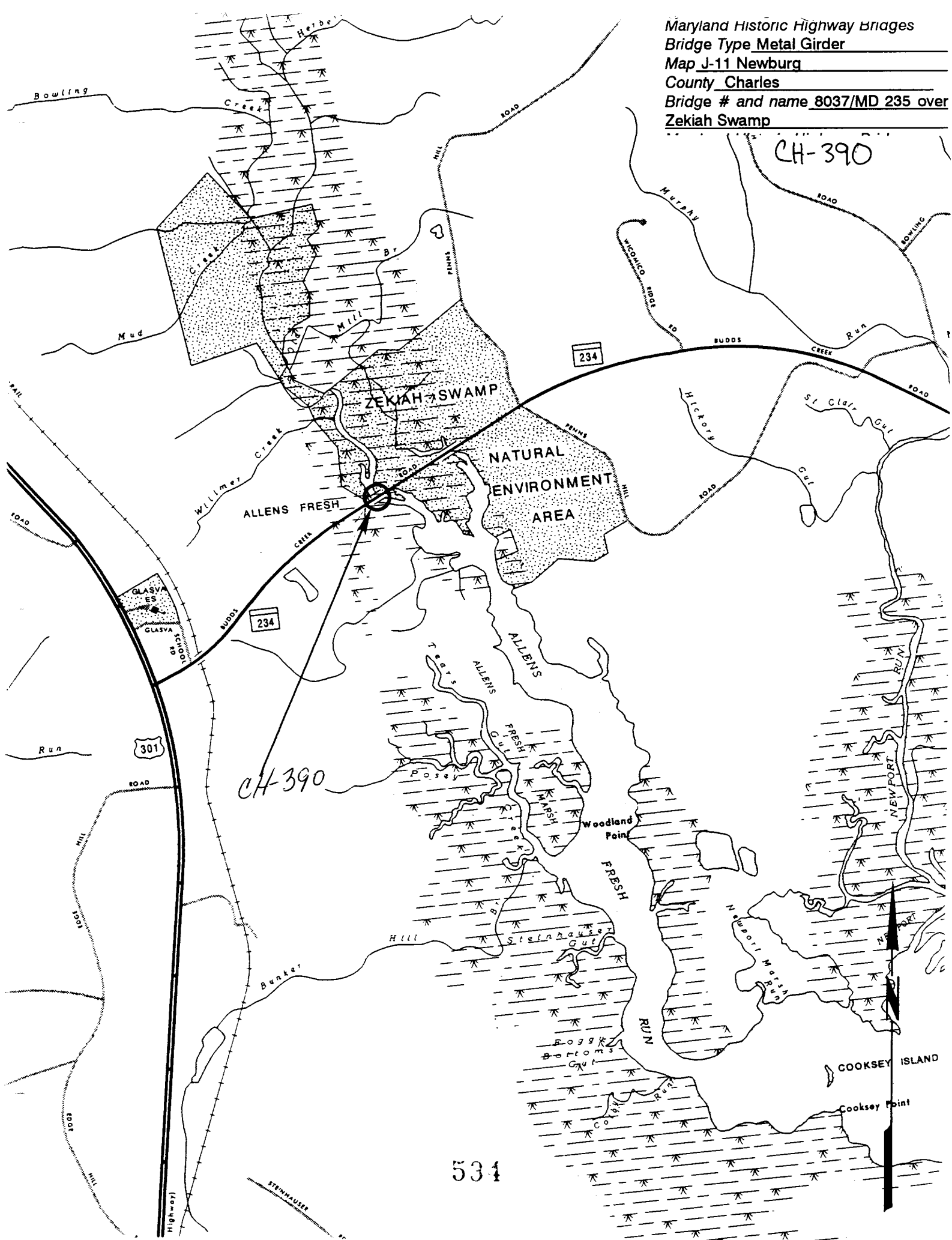
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Bridge # and name 8037/MD 235 over
Zekiah Swamp

534





CH-390
BRIDGE # 8037
CHARLES COUNTY

1 OF 6

D. BHADRIK
2-2-95

MARYLAND SHPO SHA

MD 234 OVER WICOMICO RIVER
LOOKING WEST ON MD 234



CH-390

BRIDGE # 8037

CHARLES COUNTY

D. BAUMIK

2-2-95

~~MARYLAND SHPO SHA~~

MD 234 OVER WICOMICO RIVER

LOOKING NORTH (DOWNSTREAM FACE)



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CH-390

BRIDGE # 8037

CHARLES COUNTY

D. BAUMIL

2-2-95

MARYLAND SHPO SHA

MD 234 OVER WICOMICO RIVER

LOOKING EAST ON MD 234

WILCOX RIVER BRIDGE

1911-1912

STATE ROAD COMMISSION

C. C. TOWNELL - CHAIRMAN

A. B. C. C. C. - SECRETARY

ENGINEERS - J. C. C. C. C.

ARCHITECTS - J. C. C. C. C.

CH-390

5 OF 6

BRIDGE # B037

CHARLES COUNTY

D. BHAKUMIK

2-2-95

MARYLAND SHPO SHA

MD 234 OVER WICOMICO RIVER

IDENTIFICATION PLATE



CH-390

BRIDGE # 8037

CHARLES COUNTY

D. BHAUMIK

2-2-95

~~MARYLAND SHPO SHA~~

MD 234 OVER WICOMICO RIVER

PARAPET CORNER RE BUILT
TYPICAL AT 4 CORNERS